

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 7,045,372 B2  
APPLICATION NO. : 10/632652  
DATED : May 16, 2006  
INVENTOR(S) : Ballantine et al.

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4

Lines 45 and 63, delete " $\leq$ " and insert --  $\leq$  --  
Line 63, delete " $\geq$ ", and insert --  $\geq$  --

Column 5

Line 22, delete "900+1" and insert -- 900+I --  
Line 57, delete " $\leq$ " and insert --  $\leq$  --  
Line 62, delete "900+1" and insert -- 900+I --

Column 6

Line 4, insert a comma after "J"

Column 7

After Line 30, insert this paragraph:  
-- FIG. 21 illustrates a S-Battery 680, in accordance with embodiments of the present invention. The S-Battery 680 includes an electrolyte 684 sandwiched between electrodes 682 and 686. A characteristic feature of a S-Battery is a stratified (i.e. layered) structure of the electrolyte sandwiched between electrodes.--

Column 10

Line 62, delete "oml" and insert --ornl--

Column 16

Line 45, delete "metals The" and insert -- metals. The --

Column 20

Line 34, delete "tho" and insert -- the --

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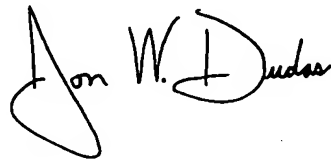
Column 24

Line 43, delete "arid" and insert -- and --

Line 50 and 51, delete "wherein K is selected from the group consisting of I, 2+1,..., and N-2." and insert -- wherein I is selected from the group consisting of 1,2,..., and N-2. --

Signed and Sealed this

Twenty-second Day of August, 2006

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*